

Hydro. 5366 - 5414

Apr. 29 - May 3, 1914

Oregon Coast

1.

Apr. 29 - May 3,
1914

Hydro. 5366-5414

11-1023

| SOUNDING WIRE. | | | FMS. | BRIDGING CABLE. | | |
|----------------------|-----|---------|------|-----------------|-----|---------|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 5.02 a.m. | | | 0 | | | |
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2

Dredge } No. 5367 Date, Apr. 29, 1914
Hydrog. }

Sdg. Mch. Jan. Blish Reel Shot/Lead 30 lbs.

Turns _____ Cor'n _____ Depth 79 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom fne. gy. sand. finegy. S.

Thermom. { Make _____ Cor'n { Instr. _____
{ No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 47 Time 5:22 Air { 51
{ _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction NNW Force 3

Baromet. 30.42 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current { Surface _____
{ Bottom _____

Tide _____

General Locality _____

Position Heceta Light bears N 67 1/2 E (true) distant
28.2 miles (Naut.)

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Course S. 28 W (true)

Deck Officer _____ Recorder _____

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|-----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 5.22 | | | 0 | | | |
| 5.22 | | | 100 | | | |
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Dredge } No. 5368 Date, Apr. 29, 1914
 Hydrog. }
 Sdg. Mch. Tan. Blish Reel Shot } 30 lbs.
 Lead }
 Turns Cor'n Depth 84 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~fine~~ black S

Thermom. { Make Cor'n { Instr.
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 48 Time 5.30 } Air { 57.5
 Time

Density: Surf. fms.

Wind: Direction NWN Force 3-4

Baromet. 30.42 Amt. of Clouds 1 State of Sea II

Weather bc

Direction and Force of Current { Surface
 Bottom

Tide

General Locality

Position Heceta Light bears N66 1/2° E (true), distant 29.0 miles
 Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course S. 28 W. (true)

Deck Officer Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 53348 | | | 0 | | | |
| | | | 100 | | | |
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4.
Hydrog. } No. 5369 Date, Apr. 29, 1914
Sdg. Mch. Tan. Blish Reel Shot Lead 30 lbs.
Turns Cor'n Depth 110 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom fine black sand.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 49 Time 5.47 Air { 51.5
Time

Density: Surf. fms.

Wind: Direction NWN Force 3-4

Baromet. 30.42 Amt. of Clouds 1 State of Sea L

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Unique River Light bears S56 1/2 E (true) distant 29.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course S 28 W (true)

Deck Officer Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 5.40 | | | 0 | | | |
| 5.47 | | | 100 | | | |
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Under } No. 5370 Date, Apr. 29, 1914
Hydrog }

Sdg. Mch. Tan. Blish Reel Shot Lead 30 lbs.

Turns ----- Cor'n ----- Depth 80 fms.

Sdg. Cup ----- Amt. Bot'm Sample -----

Character of Bottom ~~Hard Bottom~~, *fine gravel*

Thermom. { Make ----- Cor'n { Instr. -----
 No. ----- Stem. -----

Bottom Reading ----- Cor'd Temp. -----

Temp. Surf. { 50 Time 6.04 } Air { 52°
 ----- Time -----

Density: Surf. ----- fms. -----

Wind: Direction *70/20* Force 4

Baromet. 30.42 Amt. of Clouds 1 State of Sea *L*

Weather *bc*

Direction and Force of Current { Surface -----
 Bottom -----

Tide -----

General Locality -----

Position *Heceta Light bears N67°E (true) distant 30.3 miles*

Chart used: No. 6000 Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

Time towing ----- h. ----- m.

Remarks: -----

Course N. 60 W (True)

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 6.04 | | | 0 | | | |
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Hydrog. No. 5371 Date, April 29, 1914

Sdg. Mch. Tanner Blish Reel Shot 30 lbs.

Turns _____ Cor'n. _____ Depth 84 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom hrd^g mud

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 6.15 } Air { 52 }
Time _____

Density: Surf. _____ fms. _____

Wind: Direction WNW Force 4

Baromet. 30.42 Amt. of Clouds 1 State of Sea 2

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality _____

Position Heceta Light bears N 69° E (true) distant 30.8
6000 Ed'n. miles

Chart used: No. _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Course N. 60 W (true)

SOUNDING WIRE.

M. Down. Up. M.

6.15 a.m.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
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3800
3900
4000
4100
4200
4300
4400
4500
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7.
Bridge } No. 5372 Date, April 29, 1917
Hydrog. }

Sdg. Mch. Tan. Blish Reel Shot Lead } 30 lbs.

Turns Cor'n Depth 90 fms.

Sdg. Cup. Amt. Bot'm Sample

Character of Bottom ~~hard bot.~~ R

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 6:35 } Air {
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. 30 1/4 Amt. of Clouds 1 State of Sea 1

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position Heceta Light bears N 70 1/2 E (true) distant 31.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N. 60 W. (True)

Deck Officer Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
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| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 6 | 35 | a.m. | 0 | | | |
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8.

Hydrog. No. 5373 Date, April 29, 1914

Sdg. Mch. Tan. Blish Reel *Shot* 30 lbs. *Lead*

Turns _____ Cor'n _____ Depth 165 ? fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom blk S + G

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 6:57 a } Air { 52
Time _____

Density: Surf. _____ fms. _____

Wind: Direction 71 E Force 1

Baromet. 30.42 Amt. of Clouds 1 State of Sea 1

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality _____

Position Heceta Light bears N 72° E (true) distant 32.3 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Course N. 60 W. (true

Deck Officer _____ Recorder _____

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 6.50 a.m. | | | 0 | | | |
| | | | 100 | | | |
| | | | 200 | | | |
| | | | 300 | | | |
| | | | 400 | | | |
| | | | 500 | | | |
| | | | 600 | | | |
| | | | 700 | | | |
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9.

Hydrog. No. 5374 Date, April 29, 1914

Sdg. Mch. Tan. Blish Reel Shot Lead 30 lbs.

Turns Cor'n Depth 100 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom no bottom sample

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 7:10 a } Air { 52 Time

Density: Surf. fms.

Wind: Direction NE by N Force 4

Baromet. 20.42 Amt. of Clouds 1 State of Sea L

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 73 1/2° E (true) distant 32.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Lead bumped twice but no sample taken.

Course N. 4 W. (true)

SOUNDING WIRE.

M. Down. Up. M.

7.10 a.m.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
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1400
1500
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

10.

Hydrog. } No. 5375 Date, April 29, 1914

Sdg. Mch. Tan. Blish Reel Shot } 30 lbs.
Lead }

Turns _____ Cor'n _____ Depth 84 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom crs G + R. Rock and gravel

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 7:30 } Air { 53
Time _____

Density: Surf. _____ fms. _____

Wind: Direction NE by N Force ✓

Baromet. 30.42 Amt. of Clouds 1 State of Sea L

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Oregon coast

Position Neceta Light bears N 75° E (true) distant 31.7 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Course N. 10 E (true)

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 7.30 | | | 0 | | | |
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~~Diethyl~~ } No. 5376 Date, April 29, 1941
Hydrog.

Sdg. Mch. Tanner Blish Reel Shot/Lead } 30 lbs.

Turns Cor'n Depth 80. fms.

| | |
|-----------------|-------------------|
| <i>Sdg. Cup</i> | Amt. Bot'm Sample |
|-----------------|-------------------|

Character of Bottom ^{7th} ~~fine~~ mud

Thermom. { Make _____
 { No. _____

Cor'n { Instr. _____
 { Stem. _____

Bottom Reading *Cor'd Temp.*

Temp. Surf. { 50 Time 7:50 a } Air { 54 }

Density: Surf. _____ fms. _____

Wind: Direction 702, E Force 4

Baromet. 30.42 Amt. of Clouds 1 State of Sea L

Weather bc

| | | | | |
|------------------------------------|---|---------|----|-----|
| Direction and Force of Current. | { | Surface | .. | ... |
| | | Bottom | .. | ... |

Tide _____

General Locality *Off Oregon coast*

Position Hecla Light bears $N 76\frac{1}{2}^{\circ} E$ (true) distant 31.3 miles

Chart used: No. 6000 Ed'n 1

Drift: Direction _____ *Distance* _____

Depth of Haul _____

Apparatus and Rig used

| <i>Time towing</i> | <i>h.</i> | <i>m.</i> |
|--------------------|-----------|-----------|
|--------------------|-----------|-----------|

Remarks:

Course N 10. E. (true).

Deck Officer Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 7.50 am. | | | 0 | | | |
| | | | 100 | | | |
| | | | 200 | | | |
| | | | 300 | | | |
| | | | 400 | | | |
| | | | 500 | | | |
| | | | 600 | | | |
| | | | 700 | | | |
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12.

Hydrog. No. 5377 Date, April 29, 1914

Sdg. Mch. Tanner Blish Reel Shot/Lead 30 lbs.

Turns _____ Cor'n _____ Depth 88 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom blk. sand + gravel

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 8:15 } Air { 72 }
Time _____

Density: Surf. _____ fms. _____

Wind: Direction N by E Force 4

Baromet. 30 1/2 Amt. of Clouds 1 State of Sea 2

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality off Oregon coast

Position Heceta Light bears N 78 1/2° E (true) distant 31.5 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Mud-bucket dropped at this sta.
at 9.15 a.m.

Course N. 46 W (true)

Deck Officer _____ Recorder _____

| SOUNDING WIRE. | | | | FMS. | DREDGING CABLE. | | | |
|----------------|-----|-----|----|------|-----------------|-----|-----|----|
| M. Down. | Up. | --- | M. | | M. Down. | Up. | --- | M. |
| 8.05 a.m. | | | | 0 | | | | |
| | | | | 100 | | | | |
| | | | | 200 | | | | |
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13.

Dradge } No. 5378 Date, Apr. 29, 1914
Hydrog. }

Sdg. Mch. Tan. Blish Reel Shot } 30 lbs.
Lead }

Turns _____ Cor'n _____ Depth 92 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom blk. M & Gravel

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 8:15 Air { 57
Time _____

Density: Surf. _____ fms. _____

Wind: Direction N 79 E Force 4

Baromet. 30.42 Amt. of Clouds 1 State of Sea L

Weather h

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Oregon coast

Position Neceta Light bears N 79 1/2 E (true) distant 31.7 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Course N 46 W (true)

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 8.15 a.m. | | | 0 | | | |
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14

Hydrog. } No. 5379 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish Reel Shot } 30 lbs.

Turns Cor'n Depth 182 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~grn. mud~~ grn. mud + sand

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51.5 Time 12:28 } Air { 54 Time

Density: Surf. fms.

Wind: Direction 112 Force 4-5

Baromet. 30.40 Amt. of Clouds 1 State of Sea R

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality off Oregon coast

Position Heceta Light bears N 85° E (true) distant 32.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Course N. 16 E. (true)

Deck Officer

Recorder

11-1023

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 12.25 p.m. | | | 0 | | | |
| | | | 100 | | | |
| | | | 200 | | | |
| | | | 300 | | | |
| | | | 400 | | | |
| | | | 500 | | | |
| | | | 600 | | | |
| | | | 700 | | | |
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15

~~Distilling~~
Hydrog. } No. 5380 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish Reel Shot 30 lbs.

Turns _____ Cor'n _____ Depth 130 fms.

Sdg. Cup *Amt. Bot'm Sample*

Character of Bottom broken rock + mud.

Thermom. { Make -----
 { No. -----

Cor'n { Instr. -----
 { Stem. -----

No. _____ Stem _____

Bottom Reading 80 82 84 86 88 90 92 94 96 98 100 102 104 106 108 110 112 114 116 118 120 122 124 126 128 130 132 134 136 138 140 142 144 146 148 150 152 154 156 158 160 162 164 166 168 170 172 174 176 178 180 182 184 186 188 190 192 194 196 198 200 Cor'd Temp. 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

Temp. Surf. { 53 Time 1:05 p } Air { 10
Time

Time

Density: Surf. _____ fms. _____

Wind: Direction *N E E* Force *5*

Baromet. 30.40 Amt. of Clouds 1 State of Sea 7

Weather bc

Direction and Force of Current. { Surface
{ Bottom

(Bottom)

Tide _____

General Locality Off Oregon coast

Position *Heceta Light* bears E (true) distant 31.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction, Distance,

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorders

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 1.05 p.m. | | | 0 | | | |
| | | | 100 | | | |
| | | | 200 | | | |
| | | | 300 | | | |
| | | | 400 | | | |
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Hydrog. } No. 5381 Date, April 29, 1914

Sdg. Mch. Tan. Blish. Reel Shot/Lead 30 lbs.

Turns Cor'n Depth 18 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ~~rocky~~ brk crs. R. + G.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 4:50 } Air { 57 }
Time

Density: Surf. fms.

Wind: Direction N.E. Force 5

Baromet. 30.39 Amt. of Clouds 1 State of Sea 1/2

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S85°E (true) distant 31.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|----------------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 1.50 p.m. | | | 0 | | | |
| | | | 100 | | | |
| | | | 200 | | | |
| | | | 300 | | | |
| | | | 400 | | | |
| | | | 500 | | | |
| | | | 600 | | | |
| | | | 700 | | | |
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17:

Hydrog. No. 5382 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish. Reel _____ Shot/Lead 30 lbs.

Turns _____ Cor'n _____ Depth 80 fms. fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom *hr sample*

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *52* Time *2:15* } Air { *57*
Time _____

Density: Surf. _____ fms. _____

Wind: Direction *NE E* Force *5*

Baromet. *30.38* Amt. of Clouds *1* State of Sea *P*

Weather *bc*

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality *Off Oregon coast*

Position *Heceta light bears S82°E (true) distant 30.8 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: *Wire fouled by feller, could not be hauled in though it ran out freely. 61 fms. of cable cut away, consequently no sample brought up though lead touched bottom*

Deck Officer _____ Recorder _____

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 2.18 p.m. | | | 0 | | | |
| | | | 100 | | | |
| | | | 200 | | | |
| | | | 300 | | | |
| | | | 400 | | | |
| | | | 500 | | | |
| | | | 600 | | | |
| | | | 700 | | | |
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~~Hydrog.~~ No. 5383 Date, Apr. 29, 1914

Sdg. Mch. Tani Blide. Reel Shot Lead 28 lbs.

Turns ----- Cor'n ----- Depth 76 = fms.

Sdg. Cup ----- Amt. Bot'm Sample -----

Character of Bottom brk rock and mud ✓

Thermom. { Make ----- Cor'n { Instr. -----
No. ----- Stem. -----

Bottom Reading ----- Cor'd Temp. -----

Temp. Surf. { 52 Time 3:20 } Air { 57 }
Time -----

Density: Surf. ----- fms. -----

Wind: Direction NE Force 6 (2.5 miles per hr.)

Baromet. 30.36 Amt. of Clouds 1 State of Sea -----

Weather -----

Direction and Force of Current { Surface -----
Bottom -----

Tide -----

General Locality Off Oregon coast

Position Heceta Light bears S 78 1/2° E (true) distant 30.5 miles

Chart used: No. 6000 Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

Time towing ----- h. ----- m.

Remarks: -----

| SOUNDING WIRE. | | FMS. | DREDGING CABLE. | |
|----------------|--------|------|-----------------|--------|
| M. Down. | Up. M. | | M. Down. | Up. M. |
| 138 | | 0 | | |
| 3.20 | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
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Hydrog. } No. 5384 Date, Apr. 29, 1914
Sdg. Mch. Tan. Polish Reel Shot/Lead 28 lbs.
Turns Cor'n Depth 60 fms.

Sdg. Cup ----- Amt. Bot'm Sample -----
Character of Bottom Hrd. blue mud.

Thermom. { Make
 { No.

Cor'n { Instr.
 { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { ⁵¹ Time ^{3:45 PM} } Air { ⁵⁸ }

Density: Surf. _____ fms. _____

Wind: Direction N by E Force 6

Baromet. 30.35 Amt. of Clouds 1 State of Sea 2

Weather *Clear*

| | | | |
|------------------------------------|---|---------|-------|
| Direction and Force of Current. | { | Surface | ----- |
| | | Bottom | ----- |

Tide

General Locality.. Off Oregon coast

Position Heceta Light bears 876° E (true) distant 30.3 miles

Chart used: No. 6000 Ed'n Revised

Drift: Direction Distance:

Depth of Haul

Apparatus and Rig used

Time towing _____ h. _____ m.

Remarks:

Deck Officer _____ Recorder _____

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 3.45 p.m. | | | 0 | | | |
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20.

No. 53 85 Date, Apr. 29, 1914
Sdg. Mch. Tan Balish *Reel* *Shot* 28 *lbs.*
Turns *Cor'n* *Depth* 61 *fms.*
Sdg. Cup *Amt. Bot'm Sample*
Character of Bottom Mud.

Thermom. { *Make* *Cor'n* { *Instr.*
 { *No.* { *Stem.*

Bottom Reading *Cor'd Temp.*

Temp. Surf. { *51* *Time* 4:05 } *Air* { *52*
 { { *Time*

Density: Surf. *fms.*

Wind: Direction 75 *Force* 6

Baromet. 30.35 *Amt. of Clouds* 1 *State of Sea* 2

Weather bc

Direction and Force of Current. { *Surface*
 { *Bottom*

Tide

General Locality Off Oregon coast

Position Heceta Light bears S73°E (true) distant 30.3 miles

Chart used: No. 6000 *Ed'n*

Drift: Direction *Distance*

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Recorder*

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|--------|------|-----------------|-----|--------|
| --- M. Down. | Up. | --- M. | | --- M. Down. | Up. | --- M. |
| 4.05 | | | 0 | | | |
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21.

~~Hydrog.~~ No. 5386 Date, Apr. 29, 1914

Sdg. Mch. Tan. Blish. Reel

Shot-
Lead 28 lbs.

Turns Cor'n Depth 68.5 (67) fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom grey sand + fine gravel

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50.5 Time 4:30 } Air { 58
Time

Density: Surf. fms.

Wind: Direction NE, E Force 6-7

Baromet. 30.34 Amt. of Clouds 1 State of Sea R

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 70 1/2° E (true) distant 30.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|--------|------|-----------------|-----|----|
| --- M. Down. | Up. | --- M. | | --- M. Down. | Up. | M. |
| 4.32 pm. | | | 0 | | | |
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22.

Dredge } No. 5387 Date, Apr. 29, 1914
 Hydrog. }
 Sdg. Mch. Tan. Blish. Reel Shot/Lead 28 lbs.
 Turns _____ Cor'n _____ Depth 63 fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom Hrd. mud.

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 5:10 } Air { 58
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction NE, W Force 7

Baromet. 30.33 Amt. of Clouds 0 State of Sea A

Weather 63

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality off Oregon coast

Position Heceta Light bears S 68° E (true) distant 28.0 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Cours N. 64 E. (True)

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 5 10 p.m. | | | 0 | | | |
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23

Dredge } No. 5380 Date, Apr 29, 1914
Hydrog. }

Sdg. Mch. Tan. Blisk 3.6 yd Reel Shot Lead 28 lbs.

Turns _____ Cor'n _____ Depth 55 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M. sample

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 6:00 P } Air { _____
Time _____

Density: Surf. _____ fms. _____

Wind: Direction N. E. Force 7

Baromet. 30.33 Amt. of Clouds 0 State of Sea _____

Weather B. C.

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Oregon coast

Position Heceta Light bears S 65 1/2° E (true) distant 26.0 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: Lead lost on haul in _____

Course N 64 E (true)

Deck Officer _____

Recorder _____

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 6.00 p.m. | | | 0 | | | |
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Trawl } No. *11* Date, *Oct 20*, 19 *14*

Sdg. Mch. *7M* Reel Shot *26* lbs. Lead *26*

Turns _____ Cor'n _____ Depth *61 fms*

Sdg. Cup *2M* *on lead* Amt. Bot'm Sample _____

Character of Bottom *gy M*

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *52°* Time *1:00 P.* } Air { *54°*
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction *V* Force *7*

Baromet. *30.26* Amt. of Clouds *2* State of Sea *R*

Weather *bce*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Oregon coast*

Position *Heceta Light bears S 75 1/2° E (true) distant 24.2 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Born Gluck* Recorder *AC*

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|---------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 1 | 00 | 30 | 1 03 00 | | | |
| | | | 0 | | | |
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2
Dredge } No. 5373 Date, , 1914
Hydrog. }
Sdg. Mch. T. R. Reel Shot } 26 lbs.
Lead }
Turns Cor'n Depth 1672 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom Brk. sh.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 1:15 Air 63.5
Time

Density: Surf. fms.

Wind: Direction 21 Force 7

Baromet. 30.26 Amt. of Clouds 3 State of Sea 4

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 75 1/2° E (true) distant 21.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

| SOUNDING WIRE. | | FMS. | DREDGING CABLE. | | |
|----------------|----------|------|-----------------|-----|----|
| M. Down. | Up. @ M. | | M. Down. | Up. | M. |
| 1 7 00 | 1 41 00 | 0 | | | |
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28
Dredge } No. 125 Date, _____, 1911
Hydrog. }
Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.
Turns _____ Cor'n _____ Depth / 64 fms.
Sdg. Cup *20 Wauh* Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *5-2* Time *2:10 P.M.* { *5-3, 6°*
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction *ON EX Q* Force *7*

Baromet. _____ Amt. of Clouds *9* State of Sea _____

Weather *bcz*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *off Oregon coast*

Position *Naceta Light bears S75½°E (true) distant 27.1 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Brian G. Lick* Recorder *C. L. Lick*

| SOUNDING WIRE. | | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|-------|---|------|-----------------|--------|----|
| P. M. Down. | Up. | P. M. | | | M. Down. | Up. | M. |
| 2 | 04 | 08 | 2 | 06 | 30 | | |
| | | | | 0 | | | |
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Dredge } No. _____ Date, _____, 1910
Hydrog. }
Sdg. Mch. 777 Reel 7 Shot 25 lbs.
Lead }
Turns _____ Cor'n _____ Depth 62 fms
Sdg. Cup 2 1/2 inch Amt. Bot'm Sample _____
Character of Bottom blk. S

Thermom. { Make -----
 { No. -----

Cor'n { Instr. -----
 { Stem. -----

Bottom Reading . . . Cor'd Temp. . .

Temp. Surf. { 62.0 Time 2:13 PM } Air { 62.0 }
Time

Density: Surf. *fms.*

Wind: Direction 300 x 21 Force 7

Baromet. 30.24 Amt. of Clouds 0 State of Sea 2

Weather

| | | | | |
|----------------------------|---|----------------|-------|----|
| <i>Direction and Force</i> | { | <i>Surface</i> | | .. |
| <i>of Current.</i> | | <i>Bottom</i> | | .. |

Tide.....

General Locality *Off Oregon coast*

Position Haceta Light bears $S 75^{\circ} E$ (true) distant 28.3 miles

Chart used: No. 6000 Ed'n

| Drift: Direction | Distance |
|------------------|----------|
|------------------|----------|

Depth of Haul

Apparatus and Rig used

Time towing h, m

Remarks: _____

Deck Officer _____ Recorder _____

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 2 | 24 | 00 | 2 | 27 | 00 | |
| | | | 113 | | | |
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Dredge } No. 1 Date, Apr 30, 1914
Hydrog. }

Sdg. Mch. 1 Reel Shot } 2 lbs.
Lead }

Turns _____ Cor'n _____ Depth 71 fms fms.

Sdg. Cup W. 200 Amt. Bot'm Sample _____

Character of Bottom gy. M.

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52° Time 2:50 } Air { _____
Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction WN x N Force 7

Baromet. _____ Amt. of Clouds 9 State of Sea _____

Weather 8

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Oregon coast

Position Neceta Light bears S 75° E (true) distant 29.9 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. *P* M.

M. Down. Up. M.

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Dr. Hydrog. } No. 5-2-2 Date, 1911

Sdg. Mch. T-7 Reel Shot/Lead 2 lbs.

Turns Cor'n Depth 179 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 3:25 } Air { 52°

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.23 Amt. of Clouds 9 State of Sea R

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Neceta Light bears S 71 1/2° E (true) distant 29.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

| M. Down. | Up. | M. |
|----------|-----|---------|
| 3 22 45 | | 3 26 10 |

FMS.

DREDGING CABLE.

| M. Down. | Up. | M. |
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Dredge } No. 5394 Date, *Oct 3*, 19
 Hydrog. }
 Sdg. Mch. *1/11* Reel *25* Shot } *25* lbs.
 Lead }
 Turns _____ Cor'n _____ Depth *81 fms.*
 Sdg. Cup *soap* Amt. Bot'm Sample _____
 Character of Bottom *gn M*

Thermom. { Make _____ Cor'n { Instr. _____
 No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *52* Time *3:50 P* } Air { *52* }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction *210VX21* Force *6-7*

Baromet. *30.1* Amt. of Clouds *10* State of Sea *1/2*

Weather _____

Direction and Force of Current { Surface _____
 Bottom _____

Tide _____

General Locality *Off Oregon coast*

Position *Heceta Light bears S 69 1/2° E (true) distant 29.7 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *W. H. C.* Recorder *W. H. C.*

SOUNDING WIRE.

M. Down. | Up. *0* M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

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8.

Dredge } No. 346 Date, Sept 30, 19
 Hydrog. }
 Sdg. Mch. T N Reel Shot 28 lbs.
 Turns Cor'n Depth 3825 m S fms.
 Sdg. Cup Yellow on lead Amt. Bot'm Sample
 Character of Bottom Blk. sand & gn. mud -

Thermom. { Make Cor'n { Instr. :
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 4.52 P.M. } Air { 54
 Time

Density: Surf. fms.

Wind: Direction N.W. Force 7

Baromet. 30.24 Amt. of Clouds 6 State of Sea R

Weather h c

Direction and Force of Current { Surface
 Bottom

Tide

General Locality Off Oregon coast

Position Heceta Light bears S 65° E (true) distant 27.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer H. B. A. W. Recorder C. L. Cook

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 4.52 PM | | | 0 | | | |
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4
Dredge } No. 5397 Date, April 30, 1914
Hydrog. }
Sdg. Mch. TN Reel Shot } 28 lbs.
Lead } 85 1/2 fms.
Turns Cor'n Depth
Sdg. Cup Tallow on lead Amt. Bot'm Sample
Character of Bottom Soft Green Mud & Blk Sand

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.
52 Time 5:51 PM Air 53
Temp. Surf. { Time

Density: Surf. fms.
Wind: Direction N. N W Force 7
Baromet. 30.7.3 Amt. of Clouds 7 State of Sea R
Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality off Oregon coast

Position Heceta Light bears S 60° E (true) distant 30.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Brann Mahoney Recorder E. C. Cook

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 5.57 PM | | | 0 | | | |
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Dredge } No. 5398 Date, May 8, 1914
Hydrog. }
Sdg. Mch. T.H. Reel T.H. Shot Lead 75 lbs.

Turns Cor'n Depth 95 fms.

Sdg. Cup Arming on Lead Amt. Bot'm Sample

Character of Bottom gn. M.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52.0 Time 12:00 noon } Air { 54.0
Time

Density: Surf. fms.

Wind: Direction NNW Force 4

Baromet. 30.21 Amt. of Clouds 8 State of Sea L.

Weather bc.

Direction and Force of Current { Surface
Bottom

Tide

General Locality off the Oregon Coast

Position Yaquina Light bears N 89 1/2 E (true) distant 19.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer J. M. McFarley Recorder J. M. McFarley

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

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Dredge } No. 599 Date, May 3, 1914
Hydrog. }
Sdg. Mch. 75 Reel 75 Shot 25 lbs.
Turns Cor'n Depth 83 fms.

Sdg. Cup Arming on lead Amt. Bot'm Sample

Character of Bottom gm M.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 12:17 Air { 57°
Time

Density: Surf. fms.

Wind: Direction 71 Force 4

Baromet. 30.21 Amt. of Clouds 8 State of Sea 2

Weather bef

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off the Cape of Good Hope

Position Yagnum light bears S 88° E (true) distant 19.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Recorder

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

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4900

Dredge } No. 5400 Date, May 2, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 75 lbs. 60
Turns Cor'n Depth 90 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Green mud

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 12:34 } Air { 54°
Time

Density: Surf. fms.

Wind: Direction NW Force 4

Baromet. 30.22 Amt. of Clouds 8 State of Sea L

Weather Ref

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off the Oregon Coast

Position Yaquina Light bears S 84 1/2° E (true) distant 18.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down.

Up.

M.

M. Down.

Up.

M.

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Dredge } No. 5401 Date, May 2, 1914
Hydrog. }

Sdg. Mch. T Reel T Shot } 25 lbs.
Lead } '83

Turns _____ Cor'n _____ Depth 98 fms.

Sdg. Cup Minor Cup Amt. Bot'm Sample _____

Character of Bottom gn M

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time 17:50 } Air { 55.5 }
 { Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction NW by W Force 3

Baromet. 30.21 Amt. of Clouds 10 State of Sea 2

Weather c

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality N. of Cape Cod

Position Yaquina Light bears S 84 1/2° E (true) distant 19.7 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer W. B. _____ Recorder J. L. _____

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
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Dredge } No. 5402 Date, July 1, 1914
Hydrog. }

Sdg. Mch. TA Reel TH Shot } 15 lbs.
Lead } 176

Turns Cor'n Depth 96 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gn M fine G

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 1:13 } Air { 54°
Time

Density: Surf. fms.

Wind: Direction NE Force 3

Baromet. 30.22 Amt. of Clouds 10 State of Sea

Weather if

Direction and Force of Current { Surface
Bottom

Tide

General Locality off the Oregon Coast

Position Yaquina Light bears S 82° E (true) distant 19.6 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Pisbo Recorder F. J. Whitely

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
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6.
Hydrog. No. 5703 Date, Jan 9, 1914
Sdg. Mch. T. T. Reel Shot Lead 25 lbs.
Turns Cor'n Depth 96 fms.

Sdg. Cup Amt. Bot'm Sample
Character of Bottom 2 ft. S + gn. M.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51.2 Time 1:28.3 } Air { 54.0
Time

Density: Surf. fms.

Wind: Direction NW by W Force 3

Baromet. 30.22 Amt. of Clouds 10 State of Sea 1

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off the Oregon Coast

Position Yaquina Light bears S80 1/2° E (true) distant 19.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Orange-peel bucket. -
Eckman Hand Sampler about 4 ft.
Below double beam, from the dipping beam.

Time towing h. m.

Remarks: Lowered tow down at 1:25.
Then ahead slow till 2:01 when dropped orange-peel
bucket 90 ft. wire, and landed it on deck at 2:07.
Contents washed out. At 2:24 dropped Eckman
bottom sampler 75 ft. at 2:33, tupper sent sheet
by boat, struck by double beam. - At 2:50
trawl returned. Any - red bottom line. 2nd haul
returned alongside ship at 3:25.

Deck Officer Mr. [Signature] Recorder [Signature]

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|---------|-----------------|------|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 1 '28 | | | 0 | 2 01 | 2 01 | 0 |
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7.

Dredge } No. 5404 Date, May 1, 1914
Hydrog. }
Sdg. Mch. 72 Reel Shot/Lead 56 lbs.
Turns _____ Cor'n _____ Depth 154 fms
Sdg. Cup *2 1/2 cup* Amt. Bot'm Sample 84 fath
Character of Bottom *sd. gy. M.*

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53° Time 4:50 } Air { 50°
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction 71x00 Force 2

Baromet. 30.1 Amt. of Clouds 10 State of Sea S

Weather C

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Oregon coast

Position Yaquina Light bears 878° E (true) distant 19.3 miles
Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer *Louis E. Clark* Recorder *L. E. Clark*

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 4 | 49 | 00 | 4 | 53 | 00 | |
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Hydrog. } No. 546 Date, May 12, 1914
 Sdg. Mch. Reel Shot } 25 lbs.
 Lead } 13
 Turns Cor'n Depth 62 fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom R

Thermom. { Make Cor'n { Instr.
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.0 Time 6:00 } Air { 53.0
 Time

Density: Surf. fms.

Wind: Direction N x N Force 2

Baromet. 30.18 Amt. of Clouds 10 State of Sea S.

Weather C

Direction and Force of Current { Surface
 Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S75°E (true) distant 19.2 miles.

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ben. L. Lick Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|---------|-------------------|------|-----------------|-----|----|
| ✓ M. Down. | Up. | 0 ² M. | | M. Down. | Up. | M. |
| 5-05-00 | 6-08-20 | | 0 | | | |
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Bridge } No. 756 Date, Dec 2, 1914

Sdg. Mch. T. M. Reel Shot 25 lbs.

Turns Cor'n Depth 89 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53.0 Time 3-30 } Air { 50 Time

Density: Surf. fms.

Wind: Direction N. E. Force 2

Baromet. 30.17 Amt. of Clouds 10 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S 72 1/2 E (true) distant 19.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|-------------------|-----|-------------|------|-----------------|-----|----|
| <i>P</i> M. Down. | Up. | <i>P</i> M. | | M. Down. | Up. | M. |
| 5-27.00 | | | 0 | | | |
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~~Hydrog.~~ No. 5407 Date, June 1, 1914

Sdg. Mch. T-12 Reel Shot Lead 25 lbs.

Turns Cor'n Depth 96 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 5:40 P } Air { 61° Time

Density: Surf. fms.

Wind: Direction N x W Force

Baromet. 30.18 Amt. of Clouds 10 State of Sea

Weather G

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S 69 1/2° E (true) distant 18.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used.

Time towing h. m.

Remarks:

Deck Officer, J. H. [unclear] Recorder, [unclear]

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|----------------|-----|----|------|-----------------|-----|----|
| M. Down. | Up. | M. | | M. Down. | Up. | M. |
| 38 | 3 | 38 | 0 | | | |
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19. Hydrog. No. 5405 Date, May 2, 1917
Sdg. Mch. T.M. Reel Shot/Lead 25 lbs.
Turns Cor'n Depth 96 fms.

Sdg. Cup to low on lead Amt. Bot'm Sample
Character of Bottom gy. M.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6:25 P Air { 52
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.17 Amt. of Clouds 10 State of Sea L

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears S60°E (true) distant 19.2 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|-------------------|-----|-------------|------|-----------------|-----|----|
| <i>P</i> M. Down. | Up. | <i>P</i> M. | | M. Down. | Up. | M. |
| 6 | 18 | 20 | 6 | 21 | 00 | |
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1914

$$I_{\text{ext}}^{\text{ext}} I$$

Start 26 lbs

Turns Cor'n Depth ¹¹¹ 96 fms

Sdg. Cup taken on 29 Amt. Bot'm Sample -----

Character of Bottom *200-210*

Thermom. { Make _____
 { No. _____

Cor'n { Instr. _____
 { Stem. _____

Bottom Reading 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040

Temp. Surf. { 52 Time 7.00 } Air { 52 }

Density: Surf. _____ fms. _____

Wind: Direction: 210 Force: 2

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|----------|------|----------------|----|--------------|---|
| Baromet. | 29.8 | Amt. of Clouds | 15 | State of Sea | 3 |
|----------|------|----------------|----|--------------|---|

Weather

| | | |
|------------------------------------|---------|--|
| Direction and Force of Current. | Surface | |
| | Bottom | |

Tide _____

General Locality *Off Oregon Coast*

Position Yaguina Light bears S51½° E (true) distant 19.5 miles

Chart used: No. 6000 Ed'n.

| Drift: Direction | Distance |
|------------------|----------|
|------------------|----------|

Depth of Haul

Apparatus and Rig used ...

Time towing h. m.

Remarks:

Deputy Clerk Officer *John A. V. / Recorder* *John A. V.*

| SOUNDING WIRE. | | | FMS. | DREDGING CABLE. | | |
|-------------------|-----|-------------|------|-----------------|-----|----|
| <i>P</i> M. Down. | Up. | <i>P</i> M. | | M. Down. | Up. | M. |
| 6 | 56 | 50 | 0 | | | |
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Swedish } No. *5-141* Date, *May 2*, 19*14*
Hydrog. }

Sdg. Mch. *7* Reel *1* Shot *175* lbs.

Turns *72* Cor'n *72* Depth *72* fms.

Sdg. Cup *Tallow on lead* Amt. Bot'm Sample *72*

Character of Bottom *gn. mud*

Thermom. { Make *No.* Cor'n { Instr. *No.* Stem. *No.*

Bottom Reading *5-20* Cor'd Temp. *73.0*

Temp. Surf. { *5-20* Time *7 30* } Air { *5-20* Time *7 30* }

Density: Surf. *1.024* fms. *1.024*

Wind: Direction *W* Force *1*

Baromet. *30.0* Amt. of Clouds *1* State of Sea *1*

Weather *B*

Direction and Force of Current { Surface *W* Bottom *W*

Tide *W*

General Locality *Off Oregon Coast*

Position *Yaguiad Light bears S43°E (true) distant 20.5 miles*

Chart used: No. *6000* Ed'n *1*

Drift: Direction *W* Distance *1*

Depth of Haul *72*

Apparatus and Rig used *72*

Time towing *1* h. *1* m.

Remarks: *1*

Deck Officer *1* Recorder *1*

| SOUNDING WIRE. | | | | | FMS. | DREDGING CABLE. | | | |
|----------------|----|-----|----|----|------|-----------------|--|-----|----|
| M. Down. | | Up. | M. | | | M. Down. | | Up. | M. |
| 7 | 35 | 00 | 7 | 39 | 00 | 0 | | | |
| | | | | | | 100 | | | |
| | | | | | | 200 | | | |
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Dredge } No. *25* Date, *July 15*, 19*01*
Hydrog. }
Sdg. Mch. *T N* Reel *T N* Shot *25* lbs.
Lead

Turns _____ Cor'n _____ Depth *101* fms.

Sdg. Cup *Agassiz* Amt. Bot'm Sample _____

Character of Bottom *fine mud*

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *51* Time *9.29 AM* { Air { *53*
Time _____

Density: Surf. _____ fms. _____

Wind: Direction *N.W. x N.* Force *4*

Baromet. *30.21* Amt. of Clouds *8* State of Sea *C*

Weather *b c z*

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality _____

Position *Yaguine Light bears S 33° E (true) distant 19.2 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing: _____ h. _____ m.

Remarks:

Deck Officer

W. E. Phipps

Recorder

W. E. Clark

SOUNDING WIRE.

M. Down. Up. --- M.

FMS.

DREDGING CABLE.

--- M. Down. Up. --- M.

9 29 Am -

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

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2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5412 Date, 1771, 19
Hydrog. }
Sdg. Mch. Reel Shot/Lead 1.5 lbs.
Turns Cor'n Depth 96 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom Green mud -

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 10:07 A.M. Air { 52
Time

Density: Surf. fms.

Wind: Direction N.W. x N Force 3

Baromet. 30.21 Amt. of Clouds 7 State of Sea C

Weather ACZ

Direction and Force of Current { Surface
Bottom

Tide

General Locality off Oregon coast

Position Yaquina Light bears S27 1/2 E (true) distant 19.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. R. Piffo Recorder H. E. Cook

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

10 07 AM

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3200
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3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

10:45 a.m.

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3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. 5414 Date, May 3, 1914
Hydrog. }
Sdg. Mch. T N Reel T N Shot 25 lbs.
Lead 152
Turns _____ Cor'n _____ Depth 83 fms.
Sdg. Cup soft sloop Amt. Bot'm Sample _____
Character of Bottom green mud -

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52 Time 11:20 a.m. Air { 55
Time _____

Density: Surf. _____ fms. _____

Wind: Direction N.W. + N Force 4

Baromet. 30.20 Amt. of Clouds 8 State of Sea L

Weather _____

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality off Oregon coast

Position Yaquina Light bears S 15 1/2° E (true) distant 21.2 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr Phipps Recorder C. C. Cook

| SOUNDING WIRE. | | | | FMS. | DREDGING CABLE. | | | |
|----------------|-----|----|----|------|-----------------|-----|----|--|
| M. Down. | Up. | M. | | | M. Down. | Up. | M. | |
| 11 | 20 | 2 | 21 | 0 | | | | |
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